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RENEWALS 2006-2007

Renewal packets will be mailed by May 1, 2006. If you do not receive your renewal packet by May 31, 2006, please contact the Division at 919-733-6100.



Structural Pest Control Bulletin

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UNLICENSED PEST CONTROL OPERATOR CONVICTED IN DAVIDSON COUNTY

Division Inspectors Micah Raub and Paul Lail recently performed an investigation of unlicensed pest control work being performed in the Davidson County area. As a result of their investigation a Winston-Salem man was convicted in Davidson County Court on 12-07-05. Charles Edward Carver of Winston-Salem pled no contest to two counts of performing structural pest control without a license. While employed as a sales/service technician for a pest control company Mr. Carver was presenting himself to homeowners as the licensee. Also, he was not providing proper paperwork and asking that checks be made out to him instead of the pest control company that he worked for. Mr. Carver received a 30 day sentence (which was suspended), placed on one year supervised probation, and ordered not to engage in structural pest control until properly licensed. He was also ordered to pay \$125.00 restitution to one of the homeowners and to pay court costs of \$110.00.

CCU REQUIREMENTS: STAY ON TRACK OR PREPARE TO RETEST

Every Licensee and Certified Applicator should make it a priority to keep up with their CCU (Continuing Certification Units) Requirements on a regular basis-unless you don't mind taking a Recertification Test every 5 years. Licensees and Non-Commercial Certified Applicators must obtain at least one credit in four out of their five-year recertification period. Commercial Certified Applicators must obtain at least one credit in three out of five years. The total number of credits that must be obtained at the end of your 5 year period are as follows:

Number of phases you have:

One phase = 5 specific to that phase + 5 in any phase(s) for a total of 10
Two phase = 5 specific to each phase + 5 in any phase(s) for a total of 15
Three phases = 5 specific to each phase + 5 in any phase(s) for a total of 20

The following table helps to explain your year-to-year cycle and it is an example of someone whose 5 year period ends in 2010. When you count your years, be sure to go by our fiscal year (or Renewal Period). Each beginning and ending date equals *one year*.

Begins	Ends
7-1-05	6-30-06
7-1-06	6-30-07
7-1-07	6-30-08
7-1-08	6-30-09
7-1-09	6-30-10

Credit will not be given for duplicate courses in the same 5-year period.

If you attend a class on 3-09-06 and another on 8-11-06 these courses will be accredited to *different* years.

The class taken on 3-09-06 will be accredited to the 05-06 year.

The class taken on 8-11-06 will be accredited to the 06-07 year.

REGISTERED TECHNICIAN SCHOOL REMINDER

Division inspectors continue to be forced to turn school registrants away. Before attending the RT School, the employee **must** complete the *Registered Technician - Introductory Training Workbook* and 24 hours of on-the-job training. RT candidates who attempt to attend the RT School without **completed** workbooks will be turned away.

RT CANDIDATES MUST HAVE THEIR COMPLETED AND SIGNED WORKBOOKS WITH THEM TO BE ADMITTED TO THE RT SCHOOL.

Calendar of Events



APRIL

April 5, 2006 9:30 AM

License/Certified Applicator Exam
Gov. James B. Hunt, Jr. Horse Complex
4601 Trinity Road
Raleigh, N.C.
919-733-6100

April 11, 2006 8:30 AM

Registered Technician School
Citizens Resource Center
1303 Dallas-Cherryville Highway
Dallas, N.C.
919-733-6100

April 19, 2006 1:00 PM

Certified Applicator Exam
Forsyth County Extension Center
1450 Fairchild Drive
Winston-Salem, N.C.
919-733-6100

April 26, 2006 8:30 AM

Registered Technician School
NCDA&CS Building Room 359
2 West Edenton Street
Raleigh, N.C.
919-733-6100

MAY

May 2, 2006 9:30 AM

License/Certified Applicator Exam
Gov. James B. Hunt, Jr. Horse Complex
4601 Trinity Road
Raleigh, N.C.
919-733-6100

May 10, 2006 8:30 AM

Registered Technician School
Guilford County Extension Center
Barn Kitchen Building
3309 Burlington Road
Greensboro, N.C.
919-733-6100

May 16, 2006 10:00 AM

Certified Applicator Exam
Henderson County Extension Center
740 Glover Street
Hendersonville, N.C.
919-733-6100

May 25, 2006 8:30 AM

Registered Technician School
NCDA&CS Building Room 359
2 West Edenton Street
Raleigh, N.C.
919-733-6100

JUNE

June 6, 2006 9:30 AM

License/Certified Applicator Exam
Gov. James B. Hunt, Jr. Horse Complex
4601 Trinity Road
Raleigh, N.C.
919-733-6100

June 7, 2006 8:30 AM

Registered Technician School
Cabarrus County Extension Center
715 Cabarrus Avenue West
Concord, N.C.
919-733-6100

June 21, 2006 1:00 PM

Certified Applicator Exam
Wake County Commons Building
4001-E Carya Drive
Raleigh, N.C.
919-733-6100

June 28, 2006 8:30 AM

Registered Technician School
NCDA&CS Building Room 359
2 West Edenton Street
Raleigh, N.C.
919-733-6100

NEW LICENSE EXAM LOCATION

The monthly License/Certification exams that are held in Raleigh will no longer be held at the McKimmon Center beginning in February, 2006. The new location will be the Governor James B. Hunt, Jr. Horse Complex located at the N.C. State Fairgrounds. The physical address is 4601 Trinity Road, Raleigh N.C. This location has been secured for all months (beginning in February) in 2006 except for October and November. Please refer to the exam dates in this bulletin and visit our web site (click on License/Certification, then Examination schedule) for future dates and directions to the Hunt Horse Complex.

TERMITICIDE VOLUME & COST TABLES FOR PRECONSTRUCTION TREATMENTS

In the Spring 1998 and Spring 2001 issues of the Structural Pest Control Bulletin the Division published tables to illustrate termiticide volume and costs associated with termite pretreatments of structures. The following tables are for crawl space, supported slab and monolithic slab structures and they reflect 2006 prices. Please remember that these estimates are only for chemical costs and do not take in consideration labor costs, equipment costs, etc.

Termiticide Volume and Costs for Pre-Construction Treatment of a Crawlspace Structure								
Product Name	Registrant	Concentration (%)	Cost per Gallon	Gallons for Vertical Barrier	Vertical Barrier Cost	Gallons for Horizontal Barrier	Horizontal Barrier Cost	Total Chemical Cost
Termidor	BASF	0.06	\$1.60	156.80	\$250.88	28.80	\$46.08	\$296.96
		0.12	\$3.20	156.80	\$501.76	28.80	\$92.16	\$593.92
Premis 2 PreTreat	Bayer	0.05	\$1.20	156.80	\$188.07	28.80	\$34.54	\$222.61
		0.10	\$2.40	156.80	\$376.13	28.80	\$69.09	\$445.22
Premise 75	Bayer	0.05	\$1.36	156.80	\$212.90	28.80	\$39.10	\$252.01
		0.10	\$2.72	156.80	\$425.81	28.80	\$78.21	\$504.02
I Maxx Pro	Univar	0.05	\$1.20	156.80	\$188.16	28.80	\$34.56	\$222.72
		0.10	\$2.40	156.80	\$376.32	28.80	\$69.12	\$445.44
Talstar One	FMC	0.06	\$1.12	156.80	\$175.62	28.80	\$32.26	\$207.87
		0.12	\$2.24	156.80	\$351.23	28.80	\$64.51	\$415.74
Bifen IT	Control Solutions	0.06	\$0.72	156.80	\$112.90	28.80	\$20.74	\$133.63
Prevail FT	FMC	0.25	\$0.78	156.80	\$121.52	28.80	\$22.32	\$143.84
		0.50	\$1.55	156.80	\$243.04	28.80	\$44.64	\$287.68
Demon MAX	Syngenta	0.25	\$0.73	156.80	\$114.39	28.80	\$21.01	\$135.40
		0.50	\$1.46	156.80	\$228.77	28.80	\$42.02	\$270.79
Cyper TC	Control Solutions	0.50	\$0.64	156.80	\$100.35	28.80	\$18.43	\$118.78
		1.00	\$1.28	156.80	\$200.70	28.80	\$36.86	\$237.57
Dragnet SFR	FMC	0.50	\$1.23	156.80	\$193.57	28.80	\$35.55	\$229.12
		1.00	\$2.47	156.80	\$387.14	28.80	\$71.11	\$458.25
Tengard SFR	United Phosphorus	0.50	\$0.77	156.80	\$120.11	28.80	\$22.06	\$142.17
		1.00	\$1.53	156.80	\$240.22	28.80	\$44.12	\$284.34

The above calculations are based on a crawlspace home 30' x 50' with an attached one car garage 12' x 24'. The depth to the footing is 1 foot. For simplicity, treatment around pillars, pipes, conduits is not included, although required. This would increase the amount of termiticide and the cost. Additionally, treatment within hollow foundation elements is also excluded as N.C. regulations do not require this application as part of pre-construction treatments.

The termiticide labels require 1 gallon of termiticide under every 10 square feet of slab area and 4 gallons of termiticide for 10 lineal feet along the foundation wall, pillars, etc., per foot of depth to the footing. Foundation walls must be treated on both sides.

Calculations for Vertical Barrier	Calculations for Horizontal Barrier
Two 50 foot walls 100 feet Two 30 foot walls 60 feet Garage walls 36 feet	Garage slab 12.00 feet x 24.00 feet
Total length of foundation wall 196 feet To treat both sides x 2	Total square feet 288.00 square feet
Total length of vertical barrier 392.00 feet	288 square feet x $\frac{1 \text{ gallon}}{10 \text{ square feet}}$ = 28.8 gallons
392 lineal feet x $\frac{4 \text{ gallons}}{10 \text{ lineal feet}}$ = 156.8 gallons	
<p>Disclaimer - This table was prepared by the Structural Pest Control Division of the North Carolina Department of Agriculture and Consumer Services. It is intended to help interested individuals to estimate the cost of a properly performed subterranean termite pre-construction treatment. The use of trade names above is solely for informational purposes. Inclusion of a product is not a guarantee or warranty of suitability of the product and does not signify approval, endorsement or recommendation to the exclusion of other products with similar use directions by the North Carolina Department of Agriculture and Consumer Services. Products were selected to represent the termiticides most commonly used by pest control operators in North Carolina.</p>	

Termiticide Volume and Costs for Pre-Construction Treatment of a Monolithic Slab Structure									
Product Name	Registrant	Concentration (%)	Cost per Gallon	Gallons for Vertical Barrier	Vertical Barrier Cost	Gallons for Horizontal Barrier	Horizontal Barrier Cost	Total Chemical Cost	Cost per Square Foot
Termidor	BASF	0.06	\$1.60	68.80	\$110.08	178.80	\$286.08	\$396.16	0.22
		0.12	\$3.20	68.80	\$220.16	178.80	\$572.16	\$792.32	0.44
Premis 2 PreTreat	Bayer	0.05	\$1.20	68.80	\$82.52	178.80	\$214.45	\$296.97	0.17
		0.10	\$2.40	68.80	\$165.04	178.80	\$428.91	\$593.94	0.33
Premise 75	Bayer	0.05	\$1.36	68.80	\$93.42	178.80	\$242.77	\$336.19	0.19
		0.10	\$2.72	68.80	\$186.83	178.80	\$485.55	\$672.38	0.38
I Maxx Pro	Univar	0.05	\$1.20	68.80	\$82.56	178.80	\$214.56	\$297.12	0.17
		0.10	\$2.40	68.80	\$165.12	178.80	\$429.12	\$594.24	0.33
Talstar One	FMC	0.06	\$1.12	68.80	\$77.06	178.80	\$200.26	\$277.31	0.16
		0.12	\$2.24	68.80	\$154.11	178.80	\$400.51	\$554.62	0.31
Bifen IT	Control Solutions	0.06	\$0.72	68.80	\$49.54	178.80	\$128.74	\$178.27	0.10
		0.25	\$0.78	68.80	\$53.32	178.80	\$138.57	\$191.89	0.11
Demon MAX	Syngenta	0.50	\$1.55	68.80	\$106.64	178.80	\$277.14	\$383.78	0.21
		0.25	\$0.73	68.80	\$50.19	178.80	\$130.43	\$180.62	0.10
Cyper TC	Control Solutions	0.50	\$1.46	68.80	\$100.38	178.80	\$260.87	\$361.25	0.20
		0.50	\$0.64	68.80	\$44.03	178.80	\$114.43	\$158.46	0.09
Dragnet SFR	FMC	1.00	\$1.28	68.80	\$88.06	178.80	\$228.86	\$316.93	0.18
		0.50	\$1.23	68.80	\$84.93	178.80	\$220.73	\$305.66	0.17
Tengard SFR	United Phosphorus	1.00	\$2.47	68.80	\$169.87	178.80	\$441.46	\$611.32	0.34
		0.50	\$0.77	68.80	\$52.70	178.80	\$136.96	\$189.66	0.11
		1.00	\$1.53	68.80	\$105.40	178.80	\$273.92	\$379.32	0.21

The above calculations are based on a monolithic slab home 30' x 50' with an attached one car garage 12' x 24'. The depth to the footing is 1 foot. For simplicity, treatment around pillars, pipes, conduits is not included, although required. This would increase the volume of termiticide and the cost. Additionally, treatment inside foundation elements is also excluded as N.C. regulations do not require this application as part of pre-construction treatments.

The termiticide labels require 1 gallon of termiticide under every 10 square feet of slab area and 4 gallons of termiticide for 10 lineal feet of foundation wall, pillars, etc., per foot of depth to the footing. Foundation walls on monolithic structures are treated only on the outside edge of the slab.

Calculations for Vertical Barrier	Calculations for Horizontal Barrier
Two 50 foot walls 100 feet Two 30 foot walls 60 feet Garage walls 12 feet	Garage slab 12.00 feet x 24.00 feet 288.00 square feet
Total length of foundation wall 172.00 feet	Living area slab 30.00 feet x 50.00 feet 1500.00 square feet
Total length of vertical barrier 172.00 feet	Total square feet 1788.00 square feet
172 lineal feet x $\frac{4 \text{ gallons}}{10 \text{ lineal feet}}$ = 68.8 gallons	1788 square feet $\frac{1 \text{ gallon}}{10 \text{ square feet}}$ = 178.8 gallons
<p>Disclaimer - This table was prepared by the Structural Pest Control Division of the North Carolina Department of Agriculture and Consumer Services. It is intended to help interested individuals to estimate the cost of a properly performed subterranean termite pre-construction treatment. The use of trade names above is solely for informational purposes. Inclusion of a product is not a guarantee or warranty of suitability of the product and does not signify approval, endorsement or recommendation to the exclusion of other products with similar use directions by the North Carolina Department of Agriculture and Consumer Services. Products were selected to represent the termiticides most commonly used by pest control operators in North Carolina.</p>	

Termiticide Volume and Costs for Pre-Construction Treatment of Supported Slab Structure									
Product Name	Registrant	Concentration (%)	Cost per Gallon	Gallons for Vertical Barrier	Vertical Barrier Cost	Gallons for Horizontal Barrier	Horizontal Barrier Cost	Total Chemical Cost	Cost per Square Foot
Termidor	BASF	0.06	\$1.60	156.80	\$250.88	178.80	\$286.08	\$536.96	0.30
		0.12	\$3.20	156.80	\$501.76	178.80	\$572.16	\$1,073.92	0.60
Premis 2 PreTreat	Bayer	0.05	\$1.20	156.80	\$188.07	178.80	\$214.45	\$402.52	0.23
		0.10	\$2.40	156.80	\$376.13	178.80	\$428.91	\$805.04	0.45
Premise 75	Bayer	0.05	\$1.36	156.80	\$212.90	178.80	\$242.77	\$455.68	0.25
		0.10	\$2.72	156.80	\$425.81	178.80	\$485.55	\$911.36	0.51
I Maxx Pro	Univar	0.05	\$1.20	156.80	\$188.16	178.80	\$214.56	\$402.72	0.23
		0.10	\$2.40	156.80	\$376.32	178.80	\$429.12	\$805.44	0.45
Talstar One	FMC	0.06	\$1.12	156.80	\$175.62	178.80	\$200.26	\$375.87	0.21
		0.12	\$2.24	156.80	\$351.23	178.80	\$400.51	\$751.74	0.42
Bifen IT	Control Solutions	0.06	\$0.72	156.80	\$112.90	178.80	\$128.74	\$241.63	0.14
Prevail FT	FMC	0.25	\$0.78	156.80	\$121.52	178.80	\$138.57	\$260.09	0.15
		0.50	\$1.55	156.80	\$243.04	178.80	\$277.14	\$520.18	0.29
Demon MAX	Syngenta	0.25	\$0.73	156.80	\$114.39	178.80	\$130.43	\$244.82	0.14
		0.50	\$1.46	156.80	\$228.77	178.80	\$260.87	\$489.64	0.27
Cyper TC	Control Solutions	0.50	\$0.64	156.80	\$100.35	178.80	\$114.43	\$214.78	0.12
		1.00	\$1.28	156.80	\$200.70	178.80	\$228.86	\$429.57	0.24
Dragnet SFR	FMC	0.50	\$1.23	156.80	\$193.57	178.80	\$220.73	\$414.30	0.23
		1.00	\$2.47	156.80	\$387.14	178.80	\$441.46	\$828.60	0.46
Tengard SFR	United Phosphorus	0.50	\$0.77	156.80	\$120.11	178.80	\$136.96	\$257.07	0.14
		1.00	\$1.53	156.80	\$240.22	178.80	\$273.92	\$514.14	0.29

The above calculations are based on a supported slab home 30' x 50' with an attached one car garage 12' x 24'. The depth to the footing is 1 foot. For simplicity, treatment around pillars, pipes, conduits is not included, although required. This would increase the volume of termiticide and the cost. Additionally, treatment within hollow foundation elements is also excluded as N.C. regulations do not require this application as part of pre-construction treatments.

The termiticide labels require 1 gallon of termiticide under every 10 square feet of slab area and 4 gallons of termiticide for 10 lineal feet of foundation wall, pillars, etc., per foot of depth to the footing. Foundation walls of supported slab structures must be treated on both sides due to the expansion joint on the inside.

Calculations for Vertical Barrier	Calculations for Horizontal Barrier
Two 50 foot walls 100 feet	Garage slab 12.00 feet
Two 30 foot walls 60 feet	x 24.00 feet
Garage walls 36 feet	288.00 square feet
Total length of foundation wall 196 feet	Living area slab 30.00 feet
To treat both sides x 2	x 50.00 feet
	1500.00 square feet
Total length of vertical barrier 392.00 feet	Total square feet 1788.00 square feet
392 lineal feet x 4 gallons = 156.8 gallons	1788 square feet x 1 gallon = 178.8 gallons
10 lineal feet	10 square feet
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